

Title (en)  
Process for the (co)polymerization of ethylene

Title (de)  
Verfahren zur (Co)Polmerisation von Ethylen

Title (fr)  
Procédé de (co)polymérisation d'éthylène

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Application  
**EP 95120361 A 19951221**

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Abstract (en)  
Process for the (co)polymerization of ethylene which comprises at least one stage of suspension polymerization in a liquid medium. The process is carried out in the presence of a catalyst comprising the product obtained by precontacting an Al-alkyl compound, a solid catalytic component containing a titanium compound that has at least one Ti-halogen bond supported on a magnesium halide in an active form and a particular electron-donor compound. The problems of fouling of the reactor in which suspension polymerization takes place are reduced in the process according to the invention.

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IPC 8 full level  
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C-Set (source: EP)  
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Citation (search report)  
• [PX] EP 0633270 A1 19950111 - SPHERILENE SRL [IT]  
• [A] US 5200502 A 19930406 - KAO SUN-CHUEH [US], et al  
• [A] EP 0452156 A2 19911016 - MITSUI PETROCHEMICAL IND [JP]  
• [A] EP 0362705 A2 19900411 - HIMONT INC [US]

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